

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A method for intermittently accessing and retrieving data contained in a business data database, comprising the steps of:

- A) receiving an indication to begin accessing records in the business data database;
- B) providing a user with access to a plurality of predefined pause rates;
- ~~B)C)~~ receiving an indication from a user input that selects one of the plurality of predefined pause rates~~indicating a user specified rate of~~ for accessing data in the business data database;
- ~~C)D)~~ setting a period of time to pause between accessing an entry in the business data database and accessing a next entry in the business data database based upon the predefined pause rate selected by the user~~user specified rate of accessing data;~~
- ~~C-1)E)~~ accessing a plurality of entries in the business data database, wherein accessing the an plurality of entries entry in the business data database comprises:
 - ~~D)F)~~ reading an entry in the business data database that includes business data;
 - ~~E)G)~~ indexing at least a portion of the business data by storing an index entry in an index on a computer readable medium;
 - ~~F)H)~~ pausing for the period of time; and
 - ~~G)I)~~ after pausing for the period of time, advancing to the a next entry in the business data database; and
 - ~~H)J)~~ repeating steps F-I-D-G for each of the plurality of entries in the business data database.

2. (Cancelled)

3. (Currently Amended) The method of claim 1 wherein ~~receiving the indication from the user~~ input comprises receiving an indication of a desired pause between finishing accessing the entry and advancing to the next entry in the business data database.

4. (Currently Amended) The method of claim 1 further comprising the steps of:

detecting a current load on the business data database; and
adjusting the predefined pause rate selected by the user ~~of~~ for accessing data in the
business data database based on the detected load.

5. (Currently Amended) The method of claim 4 further comprising the steps of:

decreasing the predefined pause rate selected by the user ~~of~~ for accessing data if the
current load is above a first threshold level; and
returning to the ~~user-specified-predefined pause rate selected by the user~~ rate when the
load drops below the first threshold level.

6. (Currently Amended) The method of claim 4 further comprising the steps of:

increasing the predefined pause rate selected by the user ~~of~~ for accessing data in the
business data database when the current load is below a second threshold level;
and
returning to the ~~user-specified-predefined pause rate selected by the user~~ rate when the
load exceeds the second threshold level.

7. (Original) The method of claim 1 further comprising, creating a key in the index for the entry
in the business data database, wherein the key corresponds to an identifier for the entry in the
business data database.

8. (Original) The method of claim 7 wherein the step of indexing copies the at least a portion of
the entry in the business data database to the key in the index.

9. (Original) The method of claim 8 wherein the step of indexing copies to the key a time stamp
indicating a date the entry was last modified in the business data database.

10. (Currently Amended) The method of claim 1 further comprising, upon reaching a last entry
in the business data database, returning to the first entry in the business data database and

repeating steps ~~D-GF-J~~.

11. (Original) The method of claim 10 further comprising the step of:

marking in the index a time stamp indicating when the first entry in the business data database was accessed.

12. (Original) The method of claim 11 further comprising the step of:

marking in the index a second time stamp indicating when the first entry in the business data database was accessed for a second time.

13. (Original) The method of claim 12 when the business data database is accessed for a third or subsequent time, further comprising the steps of:

replacing the first time stamp in the indexes with the time stamp contained in the second time stamp; and

marking in the second time stamp a time stamp indicating when the first entry in the business data database was accessed for a third or subsequent time.

14. (Currently Amended) The method of claim 12 further comprising the steps of:

prior to indexing the entry, comparing the time stamp of the entry with the first time stamp;

if the time stamp of the entry is earlier than the first time stamp, then performing step IG;

if the time stamp of the entry is later than the first time stamp, then performing step G ~~E~~.

15. (Original) The method of claim 1 further comprising the steps of:

receiving an indication from a user indicating the portions of the entry to be copied to the index; and

indexing that portion of each entry to the index.

16. (Original) The method of claim 15 further wherein indexing comprises:

replacing the entry in the index with the business data in the business data database.

17. (Original) The method of claim 1 further comprising the steps of:

receiving an indication from a user to stop accessing entries in the business data database;
and
stopping the accessing of entries in response to the received stop indication.

18. (Original) The method of claim 1 further comprising the steps of:

receiving an indication from a user to display the progress of the method; and
displaying to the user the progress of the method through the business data database.

19. (Currently Amended) A computer readable medium containing computer executable instructions that, when executed, cause a computer to perform the steps of:

- A) receiving an indication to start accessing records in a business data database that includes business data having a plurality of fields;
- B) presenting to a user an interface, wherein the user utilizes the interface to provide~~provides~~ an indication of a portion of the plurality of fields to be indexed for each of the entries in the business data database;
- C) receiving an indication from ~~at~~the user, using the interface, indicating a user-desired pause rate ~~or~~for accessing entries in the business data database;
- D) setting a period of time to pause between accessing entries in the business data database based upon the indicated user-desired pause rate;
- D-1) accessing the entries in the business data database, wherein accessing the entries comprises:
 - E) indexing the indicated portion of the plurality of fields for a first entry in the business data database by storing a first index entry on a computer readable medium;
 - F) detecting a current load on the business data database;
 - G) calculating an adjusted pause rate as a function of the user-desired pause rate and

the current load detected on the business data database;

H) setting the period of time to pause between entries in the business data database based upon the adjusted pause rate;

F)I) pausing for the period of time;

G)J) after pausing for the period of time, advancing to a next entry in the business data database;

H)K) indexing the indicated portion of the next entry in the business data database by storing a next index entry on the computer readable medium; and

H)F) repeating instructions EF through HK.

20. (Currently Amended) The computer readable medium of claim 19 wherein receiving the indication from the user indicating the user-desired pause rate comprises:

providing the user with access to a plurality of predefined pause rates;

receiving a user input that selects one of the plurality of predefined pause rates for accessing data in the business data database, wherein setting a period of time to pause comprises setting a period of time to pause between accessing an entry in the business data database and accessing a next entry in the business data database based upon the predefined pause rate selected by the user; receiving an indication of a duration of pause between finishing accessing a current entry and advancing to the next entry in the business data database.

21. (Cancelled)

22. (Currently Amended) The computer readable medium of claim ~~21-19~~ further comprising instructions to perform the steps of wherein step H comprises:

decreasing the rate-period of time to pause between ~~of~~ accessing entries if the current load is above a first threshold level; and

returning to the user-desired pause indicated-rate of accessing entries indicated in step C when the load drops below the first threshold level.

23. (Currently Amended) The computer readable medium of claim ~~21-19~~ further comprising instructions to perform the steps of wherein step H comprises:

increasing the ~~rate~~ period of time to pause between accessing entries in the business data database when the current load is below a second threshold level; and
returning to the user-desired pause indicated rate of accessing entries indicated in step C when the load exceeds the second threshold level.

24. (Currently Amended) The computer readable medium of claim 19 wherein upon reaching a last entry in the business data database, further comprising instructions to perform the steps of:

returning to the first entry in the business data database and repeating steps B-~~HK~~.

25. (Original) The computer readable medium of claim 19 further comprising instructions to perform the steps of:

marking in the index a time stamp indicating when the first entry in the business data database was accessed.

26. (Original) The computer readable medium of claim 25 further comprising instructions to perform the steps of:

marking in the index a second time stamp indicating when the first entry in the business data database was accessed for a second time.

27. (Original) The computer readable medium of claim 26 wherein when the business data database is accessed for a third or subsequent time, further comprising instructions to perform the steps of:

replacing the first time stamp in the indexes with the time stamp contained in the second time stamp; and

marking in the second time stamp a time stamp indicating when the first entry in the business data database was accessed for a third or subsequent time.

28. (Currently Amended) The computer readable medium of claim 27 further comprising instructions to perform the steps of:

prior to indexing a current entry, comparing a time stamp for the entry with the first time stamp;

if the time stamp of the entry is earlier than the first time stamp, then performing step FI;

if the time stamp of the entry is later than the first time stamp, then performing step E.

29-42. (Withdrawn)